Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. **First &Final** (For Other Works) Date.....2019

Division: **Byatarayanapura** Sub-Division: **Byatarayanapura sub division**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code:** 005-20-000008

Schedule Docket No. Head of Account: Est.Cost:140.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate: Drilling of Borewells and providing pump and motor area in ward no. 05.

Name of Contractor and Full Address: **Executive Engineer, Karnataka Rural Infrastructure development Ltd, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010**

Reference to Agreement No.BBMP/EE/BTP/WO/177/2019-20 Date: 24.12.2019

Certified that the measurements were taken by me on 23/1/2020 and recorded of Pages of measurement Book No. and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work.**

Assistant Executive Engineer, R.R. Nagar, Sub-division KRIDL, BBMP, Bangalore

Certified that the measurement were taken by me on 23/1/2020.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment **Sub-Division Officer**

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Assistant Executive Engineer, R.R. Nagar, Sub-division (Paymaster in the Office) KRIDL, BBMP, Bangalore

Witness
1.
2.

Assistant Executive Engineer, R.R. Nagar, Sub-division KRIDL, BBMP, Bangalore

Stamp

Dated Signature of Contractor
Paid by me by Cheque No. .....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Executive Engineer

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Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate	Un
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc	Eac BW
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap 0.00 to 50 Mtrs	Rmt
3	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc. 50.00 to 100 mtrs	Rmt
4	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc. 100.00 to 150 mtrs	Rmtr
5	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc. 150 to 200 mtrs	Rmtr
6	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc. 200 to 250 mtrs	Rmtr
7	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc. 250 to 300.00	Rmtr
8	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc. 300 to 370 Mtrs	Rmtr
9	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes)	Rmtr
10	Providing and fixing 250mm dia PVC pipe and as per specification and directions.	Rmtr
11	175 mm dia M.S. Casing cap	Each
12	M.S. Casing pipe collars 'C' Class	Each
13	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm	Sq Cm
14	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m)	Per length
15	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No's
16	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete...	No

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Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	14	1938.46	**27138.44**	14.00	27138.44	
-	-	700.00	315.18	**220626.00**	700.00	220626.00	
-	-	700.00	412.00	**288400.00**	700.00	288400.00	
-	-	700.00	458.35	**320845.00**	700.00	320845.00	
-	-	700.00	484.10	**338870.00**	700.00	338870.00	
-	-	700.00	560.32	**392224.00**	700.00	392224.00	
-	-	700.00	600.49	**420343.00**	700.00	420343.00	
-	-	945.68	622.00	**588212.96**	945.68	588212.96	
-	-	816.00	1364.75	**1113636.00**	816.00	1113636.00	
-	-	140.00	1133.00	**158620.00**	140.00	158620.00	
-	-	14	103.00	**1442.00**	14.00	1442.00	
-	-	136	154.50	**21012.00**	136.00	21012.00	
-	-	308000.0	0.34	**104720.00**	308000.00	104720.00	
-	-	780.00	90.64	**70699.20**	780.00	70699.20	
-	-	14.00	475.00	**6650.00**	14.00	6650.00	
-	-	42.00	150.00	**6300.00**	42.00	6300.00	

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17	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable	Mt
18	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces	Mtr
19	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for Cable of 1.1 KV class 40mm	Mtr
20	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts. nuts washers and checknuts etc.. the pipe shall have 16 through holes of 122mm dia	No's
21	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc,	No's
22	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches	No's
23	Borewell Cap and Clamp Set (PWD SR 2018-19, Page No. XLVII, Sl nO 17)	Set
24	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 17.50 HP 30 stage	No
25	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 20 HP 40 stage	No
26	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe B Class (SR 18-19 PWD, P.No.XLVII Sl.no. 1	Rmtr
27	Supply and fixing Collar for GI Pipes 50MM	No's
28	Supplying of submersible pump cable 1X3X6..0 Sq.mm	Mtr
29	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door . canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above Up to 20HP with star delta starter	No.
30	Supplying & delivery of brand 50mm Gate Valve.	No's
31	Supplying & delivery of brand 50mm Non Return Valve.	No's
32	Supplying and fixing MCB	No's
33	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications	Cum
34	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete	Mtr
35	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications	Cum
36	BESCOM Deposit charges	Nos
		Total
		FOR 4% KRIDL CHARGES
		For 12% GST
		Grand Total
1	Certified that the above work done satisfactory and no materials issued from departmentally	

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-	-	490.00	169 95	83275.50	490 00	83275 50
-	-	490.00	56.65	27758.50	490.00	27758.50
-	-	42.00	294.58	12372.36	42 00	12372 36
-	-	14.00	1699.50	23793.00	14.00	23793.00
-	-	14.00	271.92	3806.88	14.00	3806.88
-	-	14.00	311.58	4362.05	14 00	4362.05
-	-	14.00	1800.00	25200.00	14 00	25200 00
-	-	8	72126.0	577008.00	8.00	577008.00
-	-	6	90595.0	543570.00	6.00	543570 00
-	-	4680.00	415.00	1942200.00	4680 00	1942200 00
-	-	780.00	180.00	140400.00	780 00	140400 00
-	-	9644.00	144 00	1388736.00	9644.00	1388736 00
-	-	14.00	21000.0	294000.00	14.00	294000.00
-	-	14.00	1800.00	25200.00	14.00	25200.00
-	-	14.00	1800.00	25200.00	14.00	25200.00
-	-	14.00	900.00	12600.00	14 00	12600 00
-	-	2158.74	316.94	684191.06	2158 74	684191.06
-	-	4797.20	394.32	1891631.90	4797 20	1891631.90
-	-	2158.74	128.26	276879.99	2158 74	276879.99
				203000.00		203000.00
				12264923.84		12264923.84
				490597.00		490597.00
				963578.00		963578.00
				13719098.84		13719098.84

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